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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (currently amended): A manipulator for servicing tubes extending through a tube sheet, comprising:

(a) a base member having a holder for holding tooling or an inspection device, the base member also having at least one gripper for releaseably gripping a tube extending through the tube sheet;

(b) a block member directly, rotatably connected to the base member so that the base member can rotate in a plane relative to the block member when a position of the block member is fixed and a position of the base member is not fixed and the block member can rotate relative to the base member when the position of the base member is fixed and the position of the block member is not fixed, at least a portion of the block member moveable in a linear direction in a straight line in a plane perpendicular to a the plane the base member rotates in, said rotation and linear movement of the block member being relative to the base member; and

(c) a foot member directly connected to the block member for linear movement relative thereto, the foot member having at least one gripper for releaseably gripping a tube extending through the tube sheet; and

(d) wherein the block member moves in two directions of linear travel in a straight line in the horizontal and vertical directions between the foot member and the base member, while maintaining the foot member and the base member in parallel planes.

2. canceled

3. canceled